Buffalo AirStation™

11Mbps Wireless Cable/DSL Router with AOSS – WBR2-B11

The AirStation 11Mbps Wireless Cable/DSL Router, model WBR2-B11, incorporates AirStation One-Touch Secure System (AOSS™), which automatically detects and configures AOSS-enabled wireless clients. This is done seamlessly by creating secure wireless connections, making setup a snap. Security features include Intrusion Detector firewall, Privacy Separator or standard 128/64-bit WEP. A built-in 10/100 4-port switch offers the flexibility of wired and wireless connections on the same network. Integrated Repeater Feature (WDS) and optional external 2.4GHz antenna will extend range and boost the performance of your wireless network. The combination of security, affordability and easy push-button setup, makes this Router a perfect wireless solution for any home or office network.

WBR2-B11

- AirStation One Touch Secure System™
- 802.11b wireless data rates
- Built-in DHCP server and 10/100 4-port switch
- Simple web browser setup
- WDS Support (Bridge/Repeater mode)
- Exclusive Intrusion Detector Firewall
- Roaming Support
- External 2.4GHz Antenna support
- MAC Address Filtering
- NAT Support

AOSS™

Buffalo's AirStation One Touch Secure System™ allows you to create secure wireless connections with the push of a button and a click of the mouse!"

- Press the AOSS button ❶ on the router to initiate the AOSS session.
- Click on the AOSS icon ❷ in the Buffalo Client Manager Software.
- **DONE** - A secure connection is automatically established between the Router and Notebook computer.

*AOSS functions between Buffalo AOSS enabled devices only. Buffalo client devices are AOSS enabled by using Buffalo's updated client manager software (Windows clients only).

Technical Specifications
11Mbps Wireless Cable/DSL Router with AOSS – WBR2-B11

Wireless LAN	
Standards Compliance	IEEE802.11b
Frequency Range	2412-2462MHz(1-11ch)
Transmission Mode	DSSS, Half Duplex
Access Mode	Infrastructure Mode, WDS (up to 6 units)
Transmission Rate	1, 2, 5.5, 11Mbps
Security	WEP, MAC address filtering Intrusion Detector, Privacy Separator
External Antenna Connector	MC

Wired LAN	
Standards Compliance	IEEE802.3 (10Base-T/100Base-TX)
Transmission Rate	10/100Mbps
Transmission Encoding Method	10 Base-T Manchester coding 100 Base-TX 4B5B/MLT-3
Access Method	CSMA/CD
LAN/WAN Port	10/100 Mbps, Auto Sensing, Auto MDIX
Number of WAN Ports	4 LAN, 1 WAN
Connector Type	RJ-45

Others	
Weight	410g
Dimensions	W3 x H6.75 x D6.1in (76 x 171 x 155mm)
Operating Environment	0-40°c, 20-80% (non-condensing)
Power Supply	100-240V AC Universal, 50/60Hz to DC 3.3V 2.5A
Power Consumption	5.0W Max.

Support Available for:	Works with major operating systems. Simple web browser setup.
Package Contents:	AirStation 11Mbps Wireless Cable/DSL Router, Power Supply, Setup CDROM with Manual, Ethernet cable, Quick Setup Guide, Warranty Statement
Related Products:	Buffalo AirStation 802.11b and 802.11g Access Points and Client Adapters, AirStation 2.4 GHz Antennas.

*11 Mbps is the IEEE 802.11g standard theoretical maximum data transfer rate. Actual wireless network throughput is limited by environmental and system factors and will be less.

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How AOSS Handles Security:

When two or more AOSS clients attach to the AOSS network, the client and router automatically negotiate the highest level of security that the clients and router can support. In the above example, one of the AOSS clients supports both WEP and WPA level encryption (TKIP and AES), while the other supports only WEP. AOSS automatically adjusts the security to a level that both clients support.

Buffalo Technology (USA), Inc. is a leading global provider of affordable, easy-to-use, next-generation wired and wireless network solutions for the consumer, SOHO and SMB markets. With its expansion into the U.S. retail market, Buffalo offers home users a full suite of wireless home networking solutions such as its award winning line of AirStation 54g products; its high speed 125Mbps 802.11g Plus products; and its versatile line of 802.11a/b/g combo products. Buffalo completes its offerings with additional world-class networking solutions that include memory, storage and multimedia products - perfectly suited for any wireless environment. With its new AirStation OneTouch Secure System (A.O.S.S), Buffalo offers the ultimate in ease-of-use and security. The company's commitment to its customers and technological innovation has put Buffalo at the forefront of networking technology and is the foundation for its leading position among the top WLAN vendors worldwide.

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